AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1. (Original) A ferromagnetic powder composition comprising soft magnetic iron-based core particles wherein the surface of the core particles are surrounded by an insulating inorganic coating, and a lubricating amount of a compound selected from the group consisting of silanes, titanates, aluminates, zirconates, or mixtures thereof.

Claim 2. (Original) A composition according to claim 1 wherein the compound has at least one hydrolysable group and at least one lubricating organic moiety.

Claim 3. (Currently Amended) A composition according to claim 1 or 2 wherein the compound is present as a lubricating layer on the insulated particles.

Claim 4. (Currently Amended) A composition according to any one of the claims

1-3 claim 1, wherein the compound has the following general formula:

$$M(R_1)_n(R_2)_m$$

wherein M is a central atom selected from Si, Ti, Al, or Zr,

 R_1 is a hydrolysable group,

 R_2 is a group consisting of a lubricating organic moiety, wherein the sum of m+n is the coordination number of the central atom;

n is an integer ≥ 1 and m is an integer ≥ 1 .

Claim 5. (Currently Amended) A composition according to claim 4, wherein R₁ is an alkoxy group having less than 12, preferably less than 6 and most preferably less than 3 carbon atoms.

Claim 6. (Original) A composition according to claim 4, wherein R_1 is a chelate group.

Claim 7. (Original) A composition according to claim 6, wherein the chelate group is a residue of hydroxyacetic acid ($-O(O=C)-CH_2O-$) or a residue of ethylene glycol ($-OCH_2CH_2O-$).

Claim 8. (Currently Amended) A composition according to any one of claims 4-7 claim 4, wherein R_2 is an organic group including between 6-30, preferably 10-24 carbon atoms, and optionally including one or more hetero atoms selected from the group consisting of N, O, S and P.

Claim 9. (Original) A composition according to claim 8, wherein the R_2 group is linear, branched, cyclic, or aromatic.

Claim 11. (Original) A composition according to claim 10, wherein the R_2 is selected from the group consisting of phosphato, pyrophosphato or phosphito.

ester, phospho-alkyl, phospho-lipid, or phospho-amine.

Claim 12. (Currently Amended) A composition according to any one of the claims 1-10 claim 1, wherein the compound is selected from the group consisting of alkyl-alkoxy silanes and polyether-alkoxy silanes.

Claim 13. (Currently Amended) A composition according to any one of the preceding claims claim 1, wherein the compound is selected from the group consisting of octyl-trimethoxy silane, hexadecyl-trimethoxy silane, polyethyleneether-trimethoxy silane, isopropyl-triisostearyl titanate, isopropyl-tri(dioctyl)phosphato titanate, neopentyl(diallyl)oxy-trineodecanoyl zirconate, neopentyl(diallyl)oxy-tri(dioctyl)phosphato zirconate, and diisobutylacetoacetyl aluminate.

Claim 14. (Currently Amended) A composition according to any one of claims 1
13 claim 1, wherein the insulating inorganic coating of the iron-based particles is phosphorous based.

Claim 15. (Currently Amended) A composition according to any of claims 1-14 claim 1, wherein the iron-based core particles consist of essentially pure iron.

Claim 16. (Currently Amended) A composition according to any of the claims 1-15 claim 1, wherein less [[the]] than 5% of the iron-based core particles have a size below 45 μ m.

Claim 17. (Currently Amended) A composition according to any one of the claims 1-16 claim 1, wherein at least 40% and preferably at least 60% of the iron-based core particles consist of particles having a particle size above about 106 μ m.

Claim 18. (Currently Amended) A powder composition according to any one of the claims 1-17 claim 1, wherein at least 20%, preferably at least 40%, and most preferably at least 60% of the iron-based core particles consist of particles having a particle size above about 212 μ m.

Claim 19. (Currently Amended) A composition comprising a compound according to any one of the claims 1-18 claim 1, wherein the amount of the compound is present in an amount of 0.05-0.5%, preferably 0.07-0.45%, and most preferably 0.08-0.4% by weight.

Claim 20. (Currently Amended) A composition according to any of claims 1-19 claim 1, which is optionally mixed with additives, such as particular lubricants, binders or flow-enhancing agents.

Claim 21. (Currently Amended) Process for the preparation of soft magnetic composite materials having a density of at least 7.45 g/cm³ comprising the steps of

- providing an iron or iron-based powder composition according to any one of the claims 1-20 claim 1;
- uniaxially compacting the obtained soft magnetic powder composition in a die at a compaction pressure of at least about 800 MPa; and
- ejecting the green body from the compaction tool; and
- optionally heat-treating the compacted body.

Claim 22. (Currently Amended) Process according to claim 21, wherein the compaction is performed at a pressure of at least about 900 MPa, more preferably at least 1000 MPa, and most preferably above 1100 MPa.

Claim 23. (Currently Amended) Process according to claim 21 or 22, wherein the particle size of the iron core powder is as defined in any one of the claims 16-18 claim 16.

Claim 24. (New) A composition according to claim 2 wherein the compound is present as a lubricating layer on the insulated particles.

Claim 25. (New) A composition according to claim 2, wherein the compound has the following general formula:

$$M(R_1)_n(R_2)_m$$

wherein M is a central atom selected from Si, Ti, Al, or Zr,

 R_1 is a hydrolysable group,

 R_2 is a group consisting of a lubricating organic moiety, wherein the sum of m+n is the coordination number of the central atom;

n is an integer ≥ 1 and

m is an integer ≥ 1 .

Claim 26. (New) A composition according to claim 3, wherein the compound has the following general formula:

$$M(R_1)_n(R_2)_m$$
,

wherein M is a central atom selected from Si, Ti, Al, or Zr,

 R_1 is a hydrolysable group,

 R_2 is a group consisting of a lubricating organic moiety, wherein the sum of m+n is the coordination number of the central atom;

n is an integer ≥ 1 and

m is an integer ≥ 1 .

Claim 27. (New) A composition according to claim 4, wherein R₂ is an organic group including between 10-25 carbon atoms and optionally including one or more hetero atoms selected from the group consisting of N, O, S and P.

Claim 28. (New) A composition according to claim 9, wherein the R₂ group is a chain selected from the group consisting of alkyl, ether, ester, phospho-alkyl, phospholipid, or phospho-amine.

Claim 29. (New) A composition according to claim 1 wherein at least 60% of the iron-based ore particles consist of particles having a particle size of about 106 μ m.

Claim 30. (New) A composition according to claim 1 wherein at least 40% of the iron-based particles consist of particles having a particle size above about 212 μ m.

Claim 31. (New) A composition according to claim 1 wherein at least 60% of the iron-based particles consist of particles having a particle size above about 212 μ m.

Claim 32. (New) A composition comprising a compound according to claim 1, wherein the amount of the compound is present in an amount of 0.07-0.45% by weight.

Claim 33. (New) A composition comprising a compound according to claim 1, wherein the amount of the compound is present in an amount of 0.08-0.4% by weight.

Claim 34. (New) Process according to claim 21, wherein the compaction is performed at a pressure of at least about 1000 MPa.

Claim 35. (New) Process according to claim 21, wherein the compaction is performed at a pressure of at least about 1100 MPa.

Claim 36. (New) Process according to claim 22, wherein the particle size of the iron core powder is as defined in claim 16.